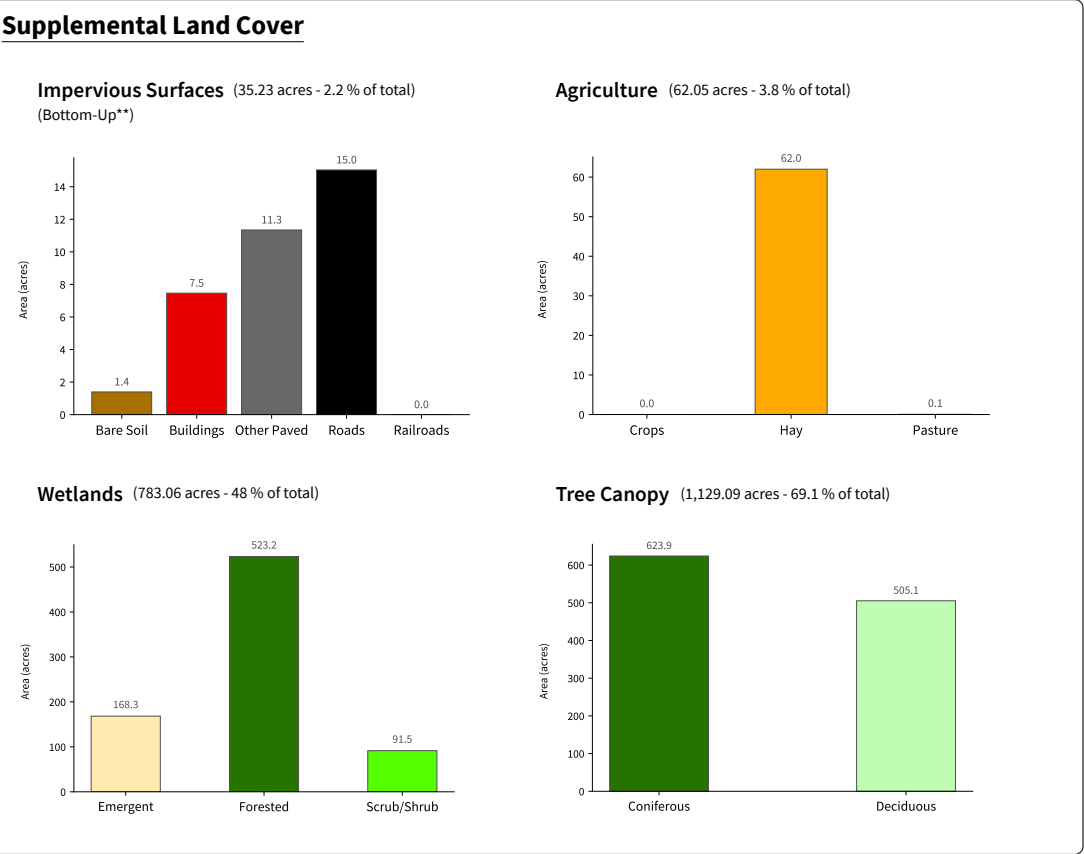
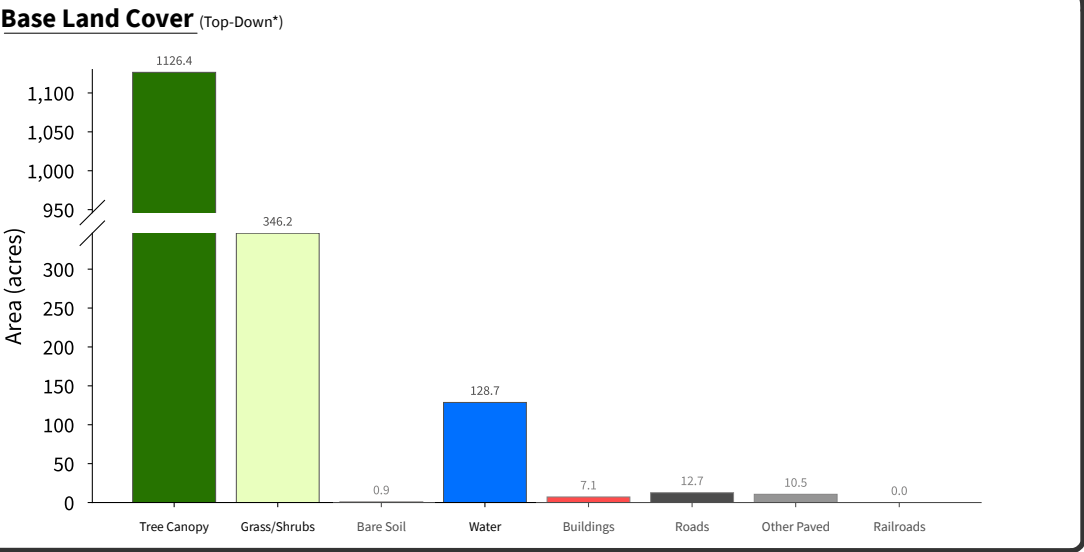


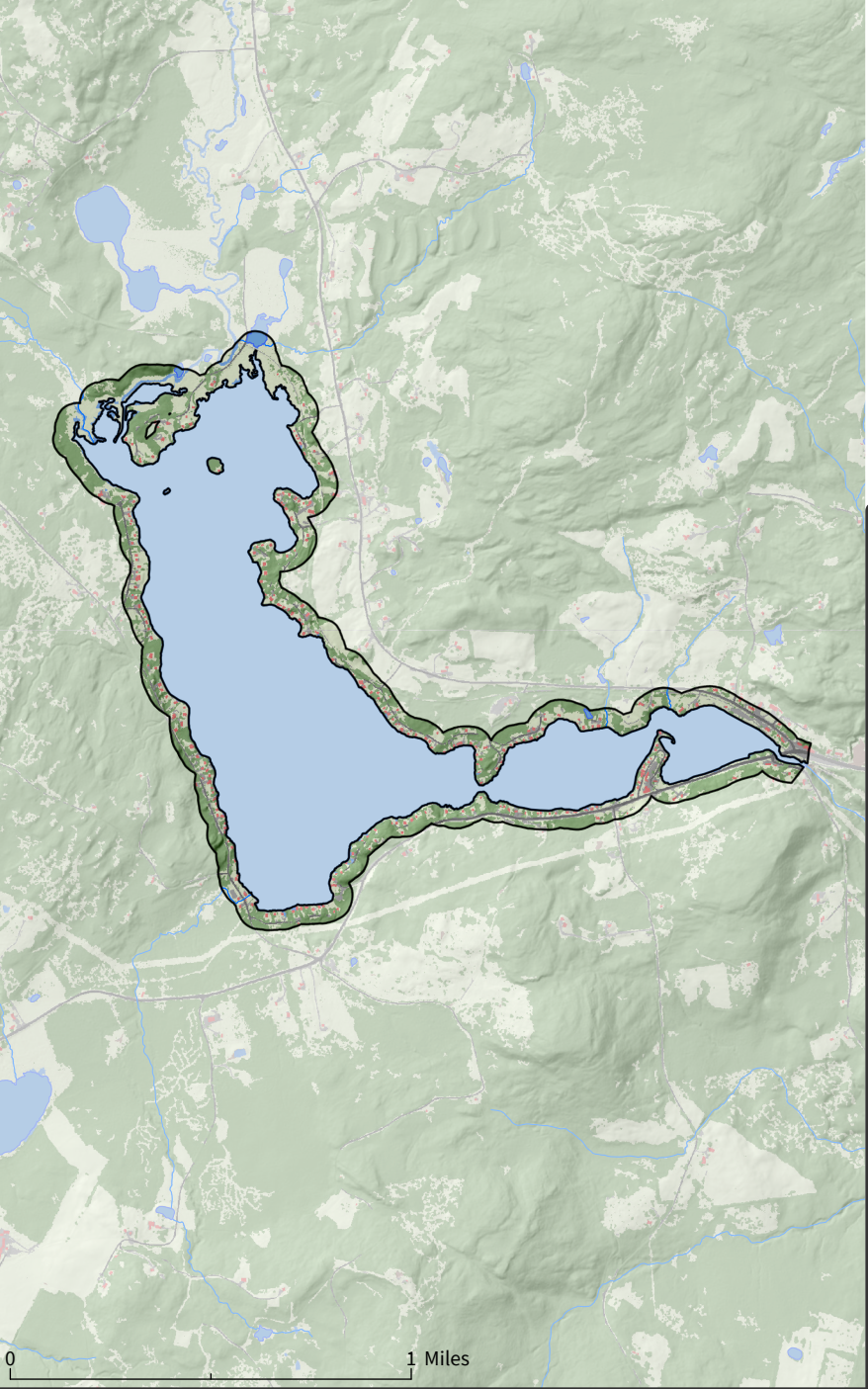
## High-Resolution Land Cover Summary





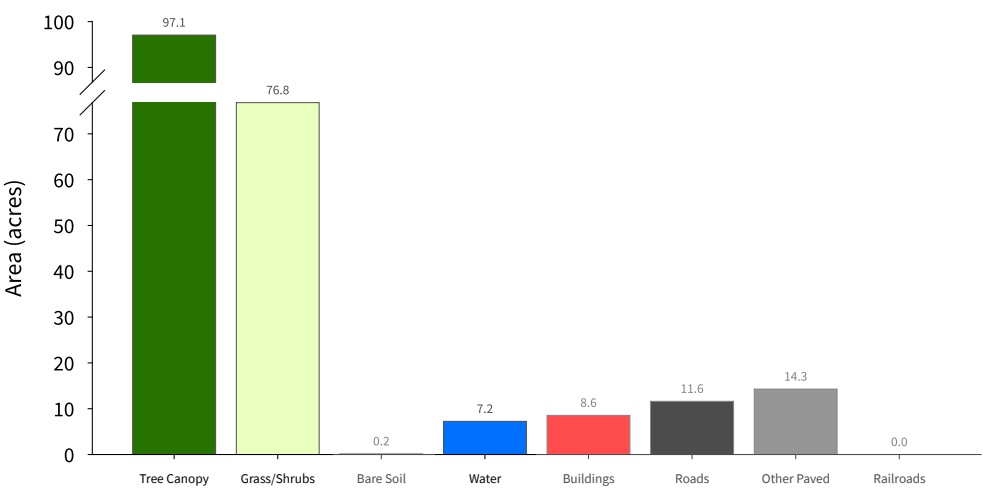
# Joel (Danville)

Waterbody 250ft Buffer  
216 acres  
(Base Land Cover Shown)



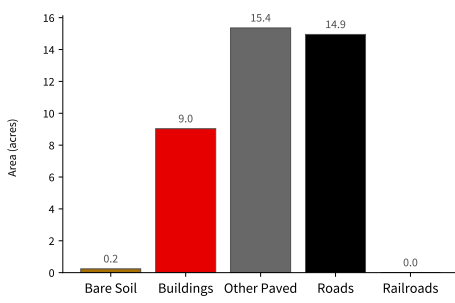
## High-Resolution Land Cover Summary

### Base Land Cover (Top-Down\*)

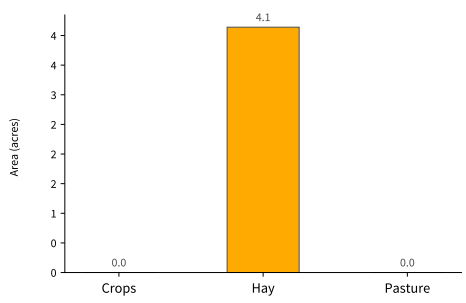


### Supplemental Land Cover

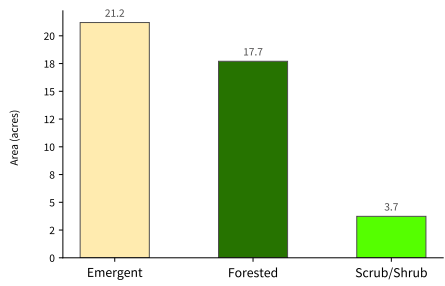
#### Impervious Surfaces (39.56 acres - 18.3 % of total) (Bottom-Up\*\*)



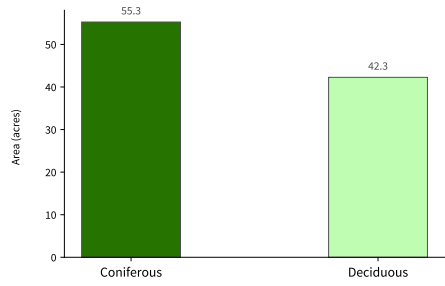
#### Agriculture (4.14 acres - 1.9 % of total)



#### Wetlands (42.64 acres - 19.7 % of total)



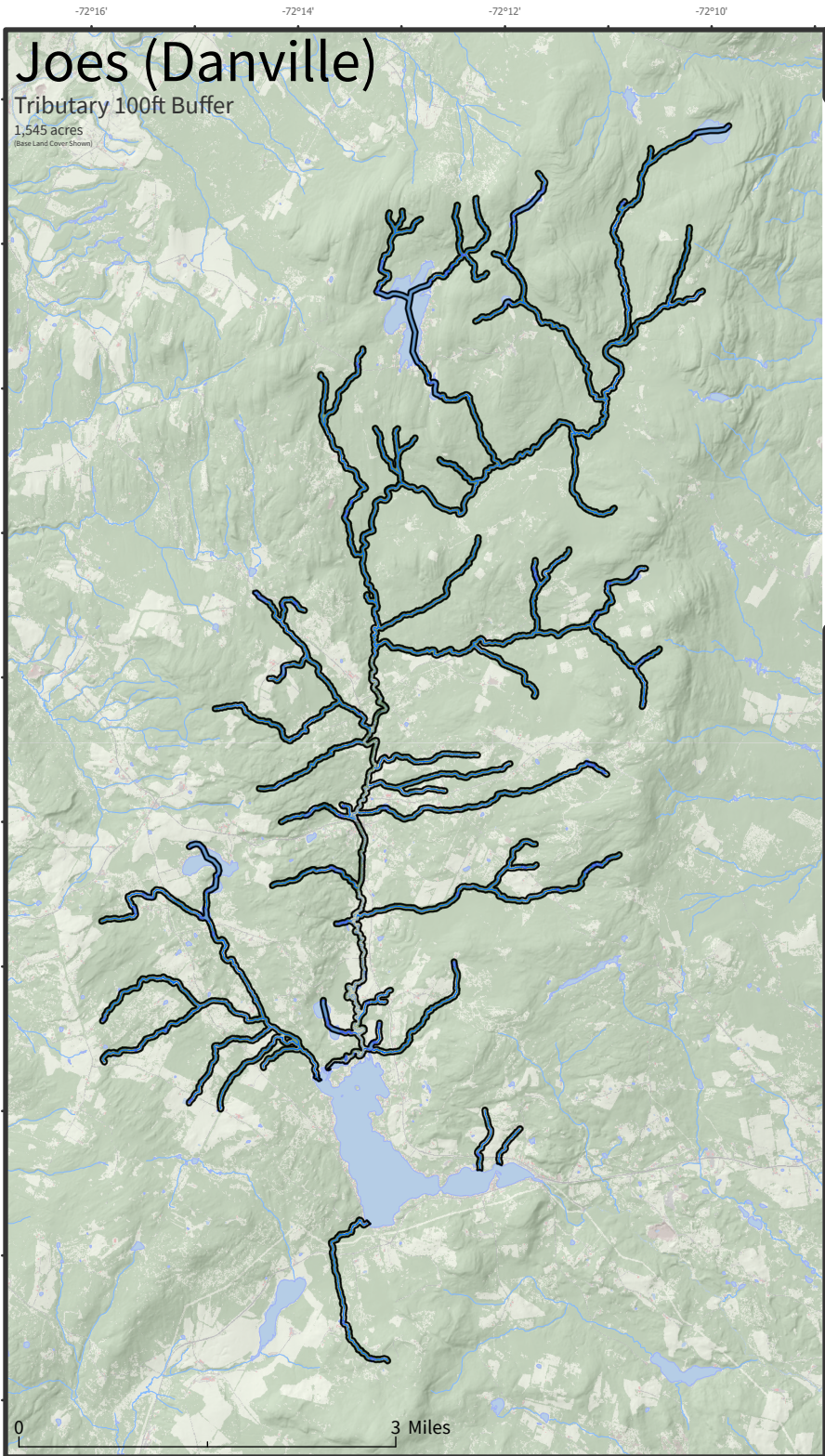
#### Tree Canopy (97.53 acres - 45.2 % of total)



External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

\*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.  
\*\*Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/observed by other features.  
See UWM SAL High-Resolution Land Cover 2015 Report for more detail.

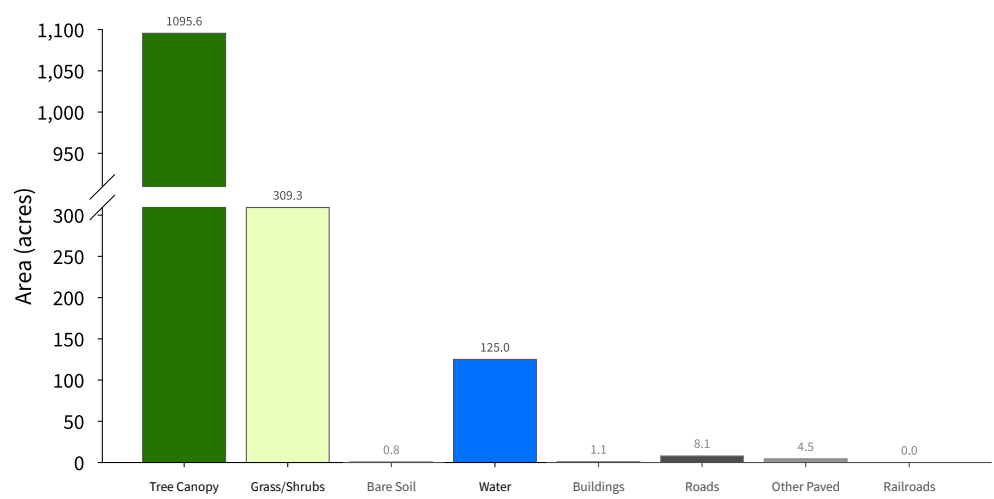




External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

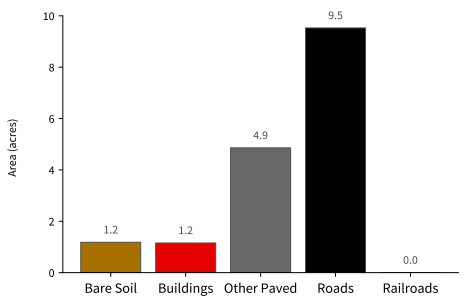
# High-Resolution Land Cover Summary

## Base Land Cover (Top-Down\*)

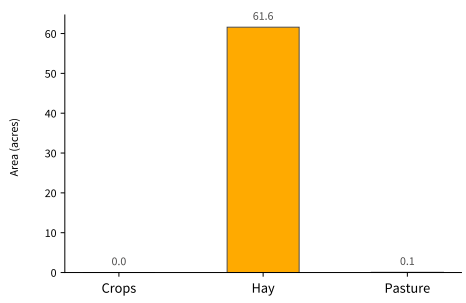


## Supplemental Land Cover

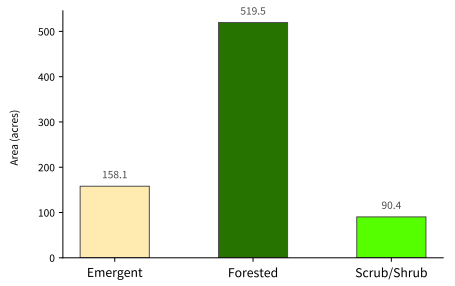
### Impervious Surfaces (16.72 acres - 1.1 % of total) (Bottom-Up\*\*)



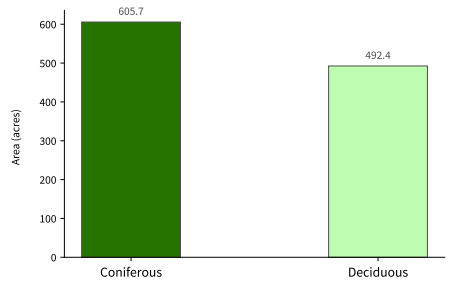
### Agriculture (61.64 acres - 4 % of total)



### Wetlands (768.03 acres - 49.7 % of total)



### Tree Canopy (1,098.06 acres - 71.1 % of total)

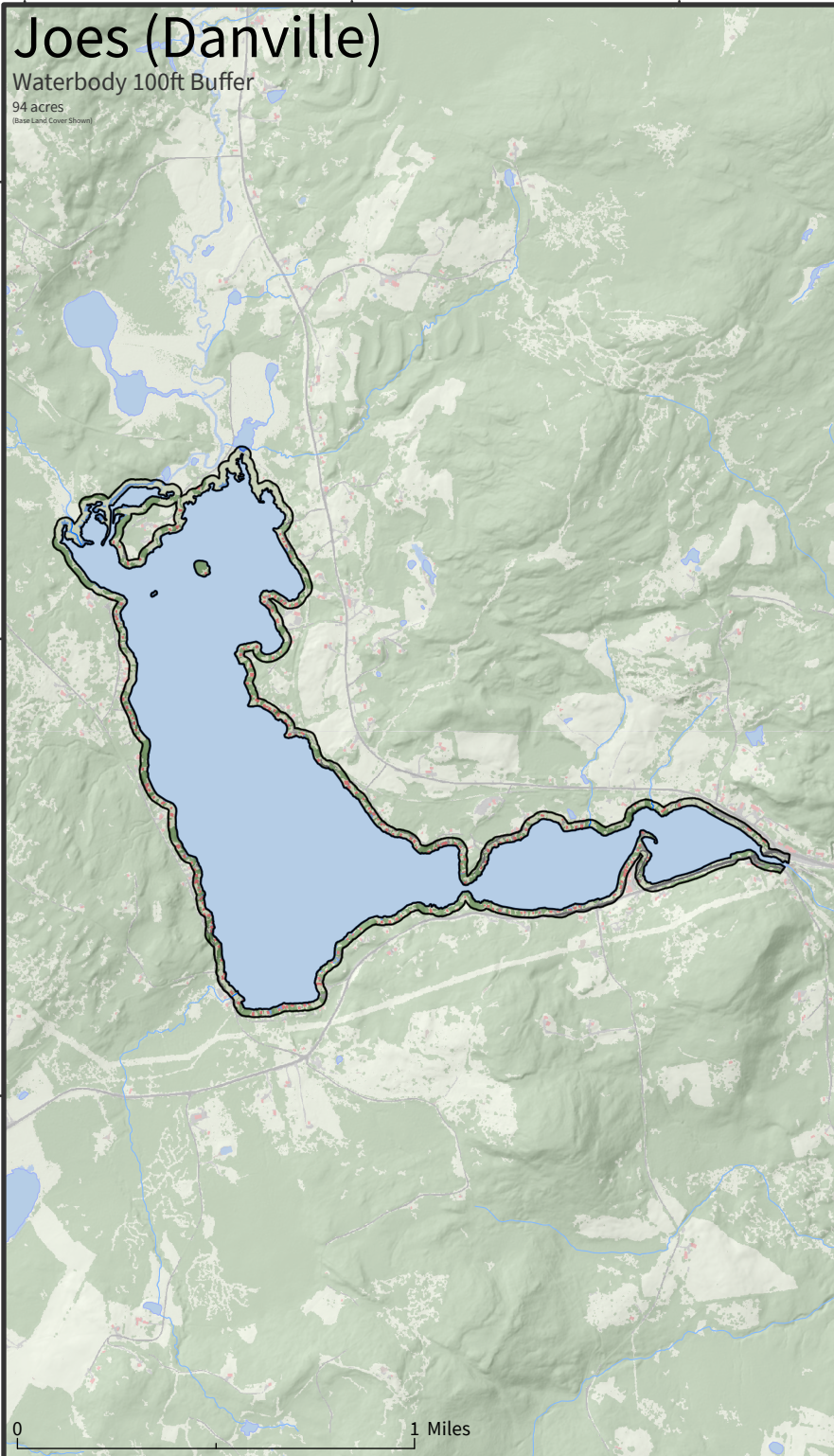


\*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.  
\*\*Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features.  
See UWM SAL High-Resolution Land Cover 2015 Report for more detail.



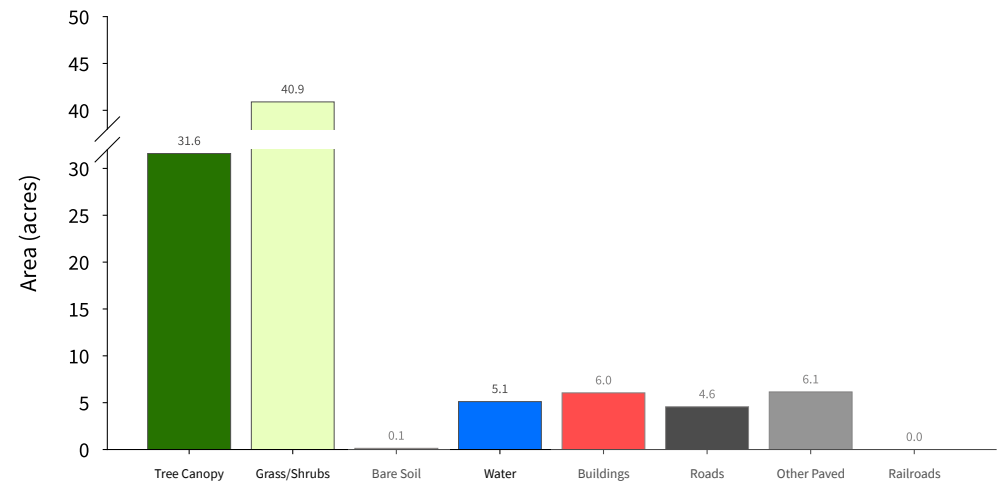
# Joos (Danville)

Waterbody 100ft Buffer  
94 acres  
(Base Land Cover Shown)



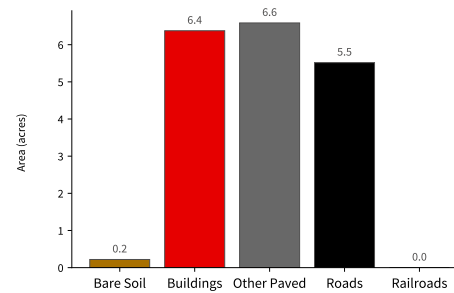
## High-Resolution Land Cover Summary

### Base Land Cover (Top-Down\*)

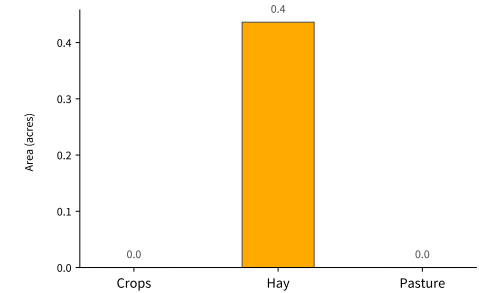


### Supplemental Land Cover

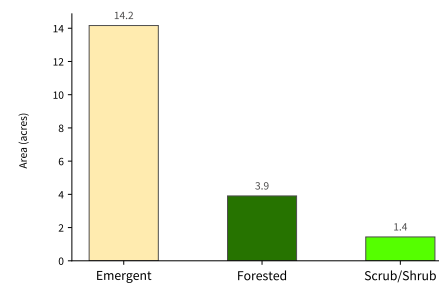
#### Impervious Surfaces (18.7 acres - 19.9 % of total) (Bottom-Up\*\*)



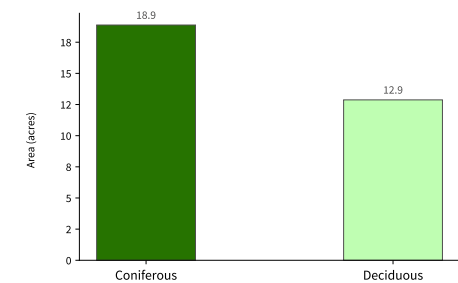
#### Agriculture (0.44 acres - 0.5 % of total)



#### Wetlands (19.5 acres - 20.7 % of total)



#### Tree Canopy (31.75 acres - 33.8 % of total)

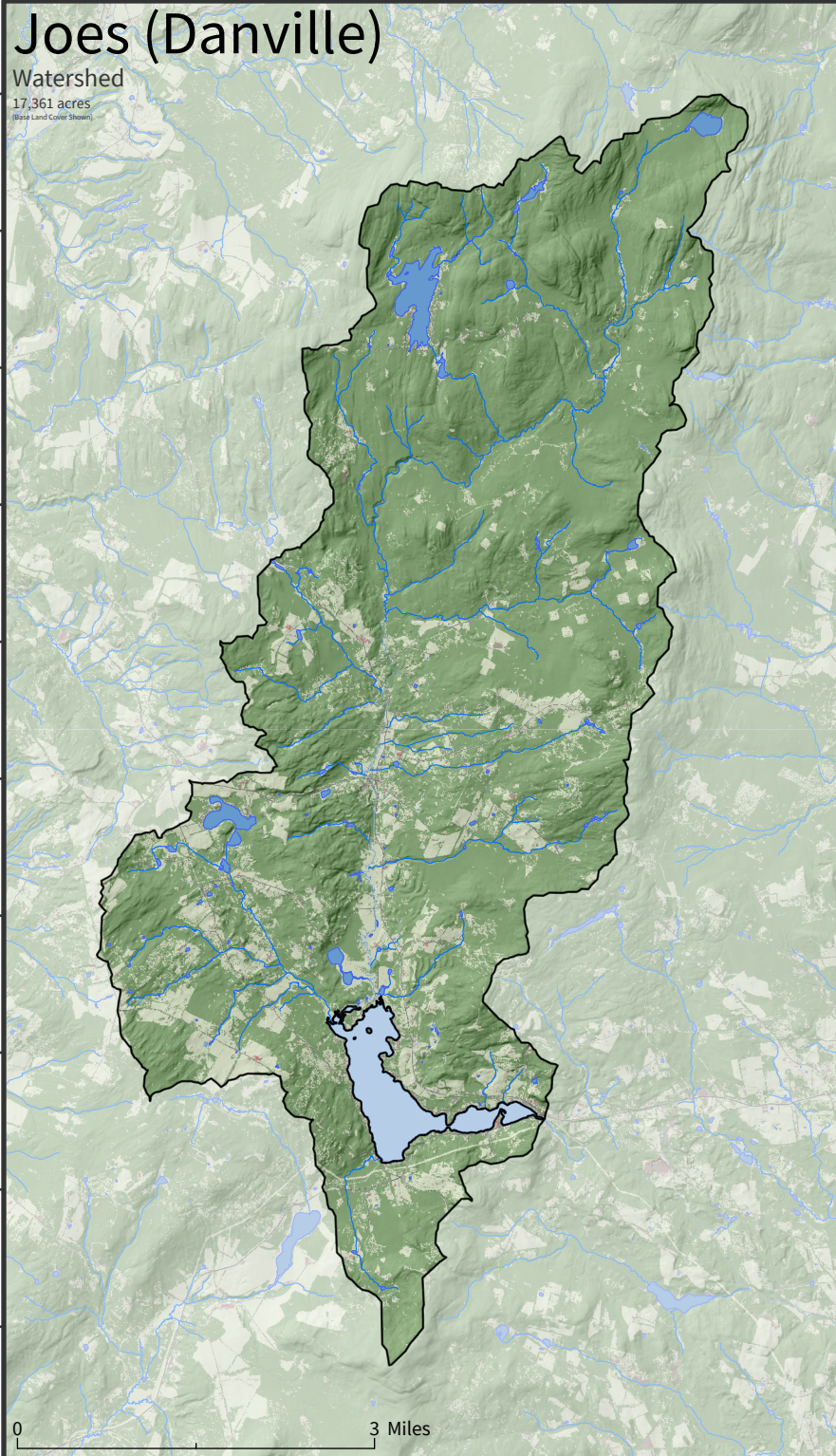


\*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.  
\*\*Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features.  
See UVM SAL High-Resolution Land Cover 2022 Report for more detail.



# Joos (Danville)

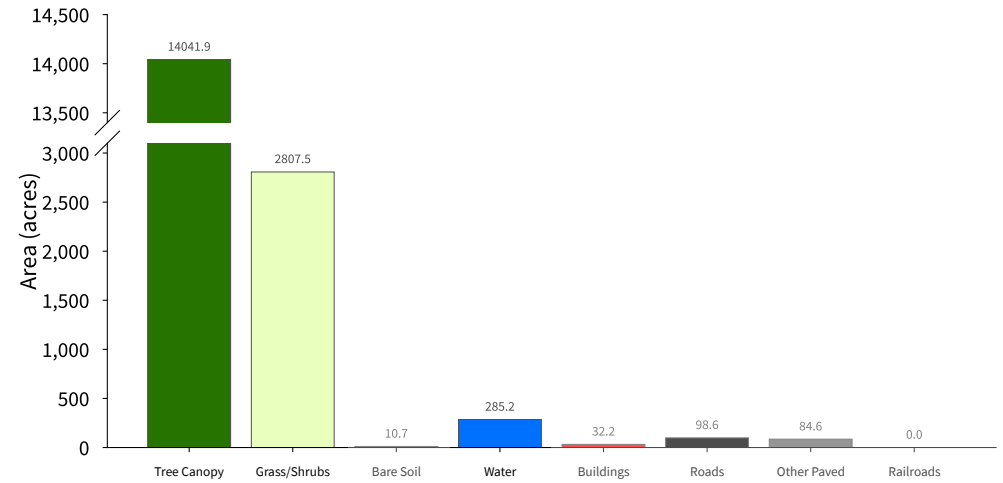
Watershed  
17,361 acres  
(Base Land Cover Shown)



External Data Sources: UVM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

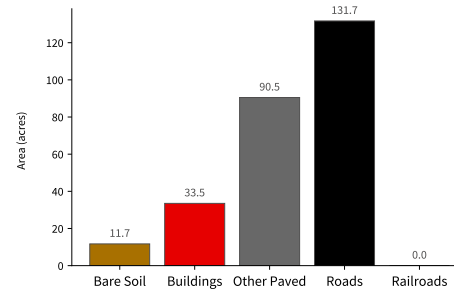
## High-Resolution Land Cover Summary

### Base Land Cover (Top-Down\*)

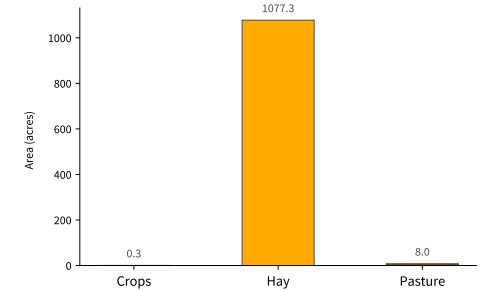


### Supplemental Land Cover

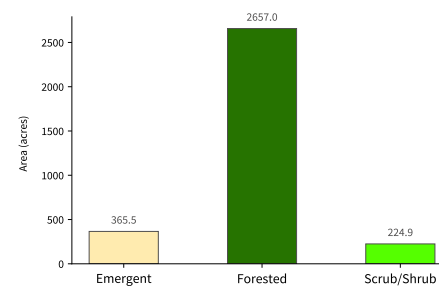
#### Impervious Surfaces (267.4 acres - 1.5 % of total) (Bottom-Up\*\*)



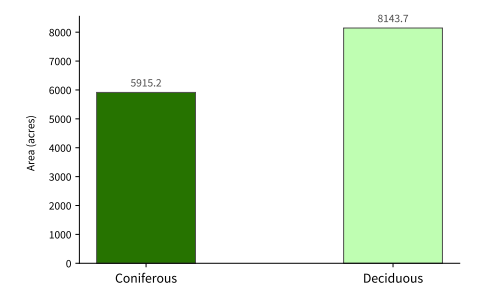
#### Agriculture (1,085.65 acres - 6.3 % of total)



#### Wetlands (3,247.33 acres - 18.7 % of total)



#### Tree Canopy (14,058.92 acres - 81 % of total)



\*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.

\*\*Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features.  
See UVM SAL High-Resolution Land Cover 2022 Report for more detail.